









Louisville













Low Maintenance Landscaping

Louisville

Air Innovations Conference Cynthia H. Lee August 26, 2005



Lawn Care for Cleaner Air 2001





Why create a new program?

- Louisville is a community with a mindset of: Well tended property = Grass
- Emissions from gasoline-powered lawn equipment affect air quality
- Louisville 1-hr ozone non-attainment area in 2001



Start Small





Create a low maintenance space with a little time...



Before

After



Louisville Metropolitan Sewer District





Annual LCCA Emissions Savings

- Total award winners to date ~500
- 55,254 lbs. Carbon Monoxide
- 162,068 lbs. Carbon Dioxide
- 112 lbs. Oxides of Nitrogen
- 9573 lbs. Volatile Organic Compounds
- 251 lbs. Particulate Matter



Lawn Care Rebate Program Fall 2003

- Residents Receive Up to \$100 by:
 - Recycling gasoline-powered lawn care equipment and/or batteries and/or,
 - Buying electric or battery powered equipment
- Funded by penalty fees





Annual Rebate Emissions Savings

- 1,746 rebates to date at \$ 102,330
- 63,589 lbs. Carbon Monoxide
- 186,516 lbs. Carbon Dioxide
- 129 lbs. Oxides of Nitrogen
- 11,017 lbs. Volatile Organic Compounds
- 289 lbs. Particulate Matter



Low-Maintenance Landscaping Design Competition

- \$25,000 EPA Grant provided prize money, promotional materials & implementation supplies to create winning designs
- 13 entries in 4 residential categories:
 - Sun
 - Shade
 - Mixed Sun/Shade
 - Homeowner

Designs Available for Public Use in late August 2005





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Find Out More

www.apcd.org/lawncare

Email: lawncare@apcd.org

Louisville Metro Air Pollution Control
 District 502.574.6000

